

## ABSTRACT OF THE DISCLOSURE

A process of effecting various anti compensation processes on input image on a plasma display panel comprises the steps of a) performing a gamma (i.e.,  $\gamma$  equal to 0.45) compensation process on a video signal received by the PDP with respect to a  $\gamma$ ; b) dividing the video signal into at least two segments based on a gray level thereof; and c) performing a variety of anti compensation processes on the video signal in respective segment. A smaller  $\gamma$  is used in the anti compensation process with respect to the video signal in a range of low gray level for increasing the gray level in the range of low gray level. Similarly, a larger  $\gamma$  is used in the anti compensation process with respect to the video signal in a range of high gray level for increasing a gradient in the range of high gray level, thereby obtaining a sharp image contrast, improving image quality, and rendering an enhanced image brightness.